

AMENDMENTS TO THE CLAIMS

The claims in this listing will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (Currently Amended) Rayleigh fission generated charged Charged fine particulate water having a particle size of 3 to 100 nm and containing at least one of hydroxyl radicals, superoxides, nitrogen monoxide radicals and oxygen radicals, wherein the charged fine particulate water is generated by Rayleigh fission caused by applying a high voltage to water on a needle end.

2-3. (Cancelled)

4. (Original) The charged fine particulate water as set forth in claim 1, containing acidic chemical species.

5. (Original) The charged fine particulate water as set forth in claim 4, containing a nitrogen oxide or an organic acid.

6. (Original) The charged fine particulate water as set forth in claim 1, containing at least one of nitric acid, nitric acid hydrate, nitrous acid and nitrous acid hydrate.

7. (Original) The charged fine particulate water as set forth in claim 1, wherein the charged fine particulate water is negatively charged.

8. (Previously Presented) A method of creating an environment where a mist of charged fine particulate water is dispersed, said method comprising the steps of: providing a pair of electrodes, water supply unit configured to supply water between said electrodes, and a voltage applying unit configured to apply a voltage between said electrodes; generating said mist of charged fine particulate water having a particle size of 3 to 100 nm and containing at least one of hydroxyl radicals, superoxides, nitrogen monoxide radicals and oxygen radicals, wherein the charged fine particulate water is generated by Rayleigh fission caused by applying a high voltage between said electrodes, while supplying water between said electrodes by said water supply unit; and supplying said mist into a desired space to create the environment where said mist of charged fine particulate water is dispersed in the desired space.